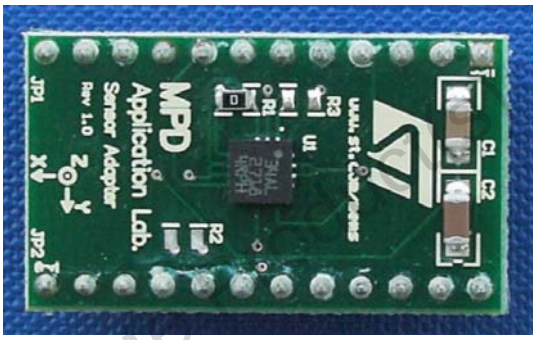
# STEVAL-MKI017V1

## Adapter board based on the LIS344AL

**Data brief**

## Features

- Complete LIS344AL pinout in a standard DIL 24 socket
- Fully compatible with all other available adapter boards
- RoHS compliant




**STEVAL-MKI017V1**

## Description

The STEVAL-MKI017V1 demonstration board is an adapter board designed to facilitate the evaluation of the LIS344AL 3-axis analog output linear accelerometer. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI017V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LIS344AL pinout and comes ready-to-use with the required decoupling capacitors on the Vdd power supply line. The pinout of the adapter is fully compatible with all other available adapter boards, making it possible to easily switch from one sensor to another during device evaluation without the need for board redesign.

This data brief provides information on the STEVAL-MKI017V1 adapter only. For LIS344AL specification details, please refer to the LIS344AL; *MEMS Inertial Sensor: 3-axis ultacompact linear accelerometer,* datasheet.

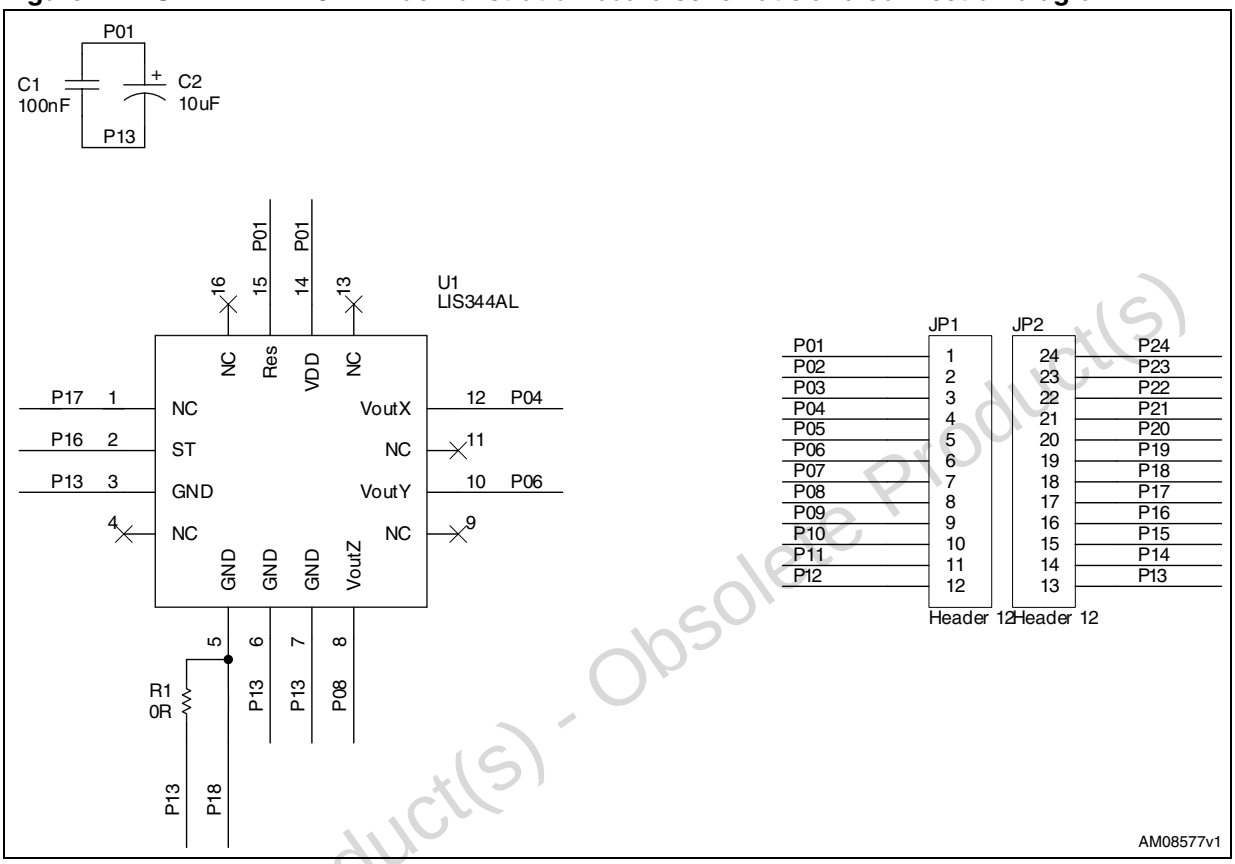
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# 1 Circuit schematic

**Figure 1. STEVAL-MKI017V1 demonstration board schematic and connection diagram**




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# 2 Revision history

**Table 1. Document revision history**

| Date | Revision | Changes |
|---|---|---|
| 19-Nov-2010 | 1 | Initial release. |

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